SEQUENCE LISTING

<110> Golembo, Myriam
      Yayon, Avner

<120> METHOD AND COMPOSITION FOR TREATMENT OF SKELETAL DYSPLASIAS

<130> 81408-4300

<140> US 10/664,605
<141> 2003-09-15

<150> US 60/276,939
<151> 2001-03-20

<150> IL 142118
<151> 2001-03-20

<150> PCT/IL02/00229
<151> 2002-03-20

<160> 75

<170> PatentIn version 3.1

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Gly Leu Ser Lys Gly Cys Phe Gly Leu Lys Leu Asp Arg Ile Gly Ser
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Met Ser Gly Leu Gly Cys
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Cys

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Gly Ala Gln Ser Gly Leu Gly Cys Asn Ser Phe Arg Tyr
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Ser Pro Lys Met Val Gln Gly Ser Gly Cys Phe Gly Arg Lys Met Asp
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Arg Ile Ser Ser Ser Ser Gly Leu Gly Cys Lys Val Leu Arg Arg His
            20                  25                  30


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<220>
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<220>
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<220>
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<220>
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1               5                   10                  15


Cys




<210>  6
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Cys Ala Gly Leu Lys Leu Asp Arg Ile Gly Ser Met Ser Gly Leu Gly
1               5                   10                  15


Cys
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<220>
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1               5                   10                  15


Cys




<210>  8
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<220>
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<400>  8

Cys Phe Gly Leu Lys Leu Asp Ala Ile Gly Ser Met Ser Gly Leu Gly
1               5                   10                  15


Cys




<210>  9
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<213>  Artificial Sequence

<220>
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<400>  9

Cys Phe Gly Leu Lys Leu Asp Arg Ala Gly Ser Met Ser Gly Leu Gly
1               5                   10                  15


Cys




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Cys


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<213> Artificial Sequence

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1               5                   10                  15


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<213> Artificial Sequence

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1               5                   10                  15


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1               5                   10                  15


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1                    5                    10


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<212> PRT
<213> Artificial Sequence

<220>
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1                    5                    10


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<400> 16

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<210> 17
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<212> PRT
<213> Homo sapiens

<400> 17

Cys Phe Gly Leu Lys Leu Asp Arg Ile Gly Ala Met Cys
1                    5                    10


<210> 18
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<400> 18

Cys Phe Gly Leu Lys Leu Asp Arg Ile Gly Ser Gln Cys
1                    5                    10


<210> 19
<211> 13
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<400> 19

Cys Phe Gly Leu Lys Leu Asp Arg Ile Gly Ala Gln Cys
1               5                   10


<210> 20
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<212> PRT
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Cys His Phe Gly Leu Lys Leu Asp Arg Ile Gly Ser Cys
1               5                   10


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<220>
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<400> 21

Cys Phe Gly Leu Lys Leu Asp Arg Ile Gly Ser Cys
1               5                   10


<210> 22
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<400> 22

Cys Phe Gly Leu Lys Leu Asp Arg Ile Gly Cys
1               5                   10


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<400> 23

Cys His Phe Gly Leu Lys Leu Asp Arg Ile Cys
1               5                   10

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Cys Ala Gly Leu Lys Leu Ala Arg Ile Gly Ser Met Ser Gly Leu Gly
1               5                   10                  15

Cys


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<400> 25

Cys Ala Gly Leu Lys Leu Asp Arg Ile Gly Ser Ala Ser Gly Leu Gly
1               5                   10                  15

Cys


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<400> 26

Cys Phe Gly Leu Lys Leu Ala Arg Ile Gly Ser Ala Ser Gly Leu Gly
1               5                   10                  15

Cys


<210> 27
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<400> 27

Cys Ala Gly Leu Lys Leu Ala Arg Ile Gly Ser Ala Ser Gly Leu Gly
1               5                  10                 15

Cys


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<400>   28

Cys Ile Gly Leu Lys Leu Asp Arg Ile Gly Ser Met Ser Gly Leu Gly
1               5                  10                 15

Cys


<210>   29
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<212>   PRT
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<400>   29

Cys Leu Gly Leu Lys Leu Asp Arg Ile Gly Ser Met Ser Gly Leu Gly
1               5                  10                 15

Cys


<210>   30
<211>   17
<212>   PRT
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<400>   30

Cys Met Gly Leu Lys Leu Asp Arg Ile Gly Ser Met Ser Gly Leu Gly
1               5                  10                 15

Cys

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<400> 31

Cys Trp Gly Leu Lys Leu Asp Arg Ile Gly Ser Met Ser Gly Leu Gly
1               5                   10                  15

Cys


<210> 32
<211> 17
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<400> 32

Cys Val Gly Leu Lys Leu Asp Arg Ile Gly Ser Met Ser Gly Leu Gly
1               5                   10                  15

Cys


<210> 33
<211> 17
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<400> 33

Cys His Gly Leu Lys Leu Asp Arg Ile Gly Ser Met Ser Gly Leu Gly
1               5                   10                  15

Cys


<210> 34
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Cys

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Cys Phe Gly Leu Lys Leu Glu Arg Ile Gly Ser Met Ser Gly Leu Gly
1               5                   10                  15
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Cys

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<210>   36
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<220>
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<400>   36

Cys Phe Gly Leu Lys Leu Gln Arg Ile Gly Ser Met Ser Gly Leu Gly
1               5                   10                  15
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Cys

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<223>   peptide variant

<400>   37

Cys Phe Gly Leu Lys Leu Asn Arg Ile Gly Ser Met Ser Gly Leu Gly
1               5                   10                  15
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Cys

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<210>   38
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<400>   38

Cys Phe Gly Leu Lys Leu Ile Arg Ile Gly Ser Met Ser Gly Leu Gly
1               5                   10                  15


Cys



<210>   39
<211>   17
<212>   PRT
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<400>   39

Cys Phe Gly Leu Lys Leu Met Arg Ile Gly Ser Met Ser Gly Leu Gly
1               5                   10                  15


Cys



<210>   40
<211>   17
<212>   PRT
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<220>
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<400>   40

Cys Phe Gly Ala Lys Leu Asp Arg Ile Gly Ser Met Ser Gly Leu Gly
1               5                   10                  15


Cys



<210>   41
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<400>   41
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Cys Phe Gly Ile Lys Leu Asp Arg Ile Gly Ser Met Ser Gly Leu Gly
1               5               10              15

Cys
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<210> 42
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<400> 42

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1               5               10              15

Cys
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<210> 43
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<400> 43

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Cys Phe Gly Leu Leu Leu Asp Arg Ile Gly Ser Met Ser Gly Leu Gly
1               5               10              15

Cys
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<210> 44
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<400> 44

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Cys Phe Gly Leu Met Leu Asp Arg Ile Gly Ser Met Ser Gly Leu Gly
1               5               10              15

Cys
```

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<210>   45
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<400>   45

Cys Phe Gly Leu Lys Ala Asp Arg Ile Gly Ser Met Ser Gly Leu Gly
1               5                   10                  15


Cys



<210>   46
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<213>   Artificial Sequence

<220>
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<400>   46

Cys Phe Gly Leu Lys Ile Asp Arg Ile Gly Ser Met Ser Gly Leu Gly
1               5                   10                  15


Cys



<210>   47
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<212>   PRT
<213>   Artificial Sequence

<220>
<223>   peptide variant

<400>   47

Cys Phe Gly Leu Lys Val Asp Arg Ile Gly Ser Met Ser Gly Leu Gly
1               5                   10                  15


Cys



<210>   48
<211>   17
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   peptide variant

<400>   48
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Cys Phe Gly Leu Lys Leu Asp His Ile Gly Ser Met Ser Gly Leu Gly
1               5                   10                  15
```

Cys


<210> 49
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<212> PRT
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<220>
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<400> 49

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Cys Phe Gly Leu Lys Leu Asp Lys Ile Gly Ser Met Ser Gly Leu Gly
1               5                   10                  15
```

Cys


<210> 50
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<220>
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<400> 50

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Cys Phe Gly Leu Lys Leu Asp Gln Ile Gly Ser Met Ser Gly Leu Gly
1               5                   10                  15
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Cys


<210> 51
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Cys Phe Gly Leu Lys Leu Asp Arg Leu Gly Ser Met Ser Gly Leu Gly
1               5                   10                  15
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Cys

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<400>   52
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Cys Phe Gly Leu Lys Leu Asp Arg Val Gly Ser Met Ser Gly Leu Gly
1               5                   10                  15

Cys

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<210>   53
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<400>   53
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Cys Phe Gly Leu Lys Leu Asp Arg Thr Gly Ser Met Ser Gly Leu Gly
1               5                   10                  15

Cys

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<210>   54
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<220>
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<400>   54
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Cys Phe Gly Leu Lys Leu Asp Arg Ile Gly Ala Met Ser Gly Leu Gly
1               5                   10                  15

Cys

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<210>   55
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<220>
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<400>   55
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Cys Phe Gly Leu Lys Leu Asp Arg Ile Gly Gly Met Ser Gly Leu Gly
1               5               10              15
```

Cys


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<210>  56
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<220>
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<400>  56
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1               5               10              15
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Cys


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<400>  57
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Cys Phe Gly Leu Lys Leu Asp Arg Ile Gly Asn Met Ser Gly Leu Gly
1               5               10              15
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Cys


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<210>  58
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<212>  PRT
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<220>
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<400>  58
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Cys Phe Gly Leu Lys Leu Asp Arg Ile Gly Ser Met Ser Ala Leu Gly
1               5               10              15
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Cys

<210> 59
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<212> PRT
<213> Artificial Sequence

<220>
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<400> 59

Cys Phe Gly Leu Lys Leu Asp Arg Ile Gly Ser Met Ser Leu Leu Gly
1               5                   10                  15

Cys


<210> 60
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> peptide variant

<400> 60

Cys Phe Gly Leu Lys Leu Asp Arg Ile Gly Ser Met Ser Lys Leu Gly
1               5                   10                  15

Cys


<210> 61
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
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<400> 61

Cys Phe Gly Leu Lys Leu Asp Arg Ile Gly Ser Met Ser Gly Gln Gly
1               5                   10                  15

Cys


<210> 62
<211> 17
<212> PRT
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<220>
<223> peptide variant

<400> 62

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Cys Phe Gly Leu Lys Leu Asp Arg Ile Gly Ser Met Ser Gly Met Gly
1               5                   10                  15

Cys


<210>  63
<211>  17
<212>  PRT
<213>  Artificial Sequence

<220>
<223>  peptide variant

<400>  63

Cys Phe Gly Leu Lys Leu Asp Arg Ile Gly Ser Met Ser Gly Ala Gly
1               5                   10                  15

Cys


<210>  64
<211>  17
<212>  PRT
<213>  Artificial Sequence

<220>
<223>  peptide variant

<400>  64

Cys Phe Gly Leu Lys Leu Asp Arg Ile Gly Ser Met Ser Gly Gly Gly
1               5                   10                  15

Cys


<210>  65
<211>  17
<212>  PRT
<213>  Artificial Sequence

<220>
<223>  peptide variant

<400>  65

Cys Phe Gly Leu Lys Leu Asp Arg Ile Gly Ser Trp Ser Gly Leu Gly
1               5                   10                  15

Cys
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<210> 66
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
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<400> 66

Cys Phe Gly Leu Lys Leu Asp Arg Ile Gly Ser His Ser Gly Leu Gly
1               5                   10                  15

Cys


<210> 67
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> peptide variant

<400> 67

Cys Phe Gly Leu Lys Leu Asp Arg Ile Gly Ser Lys Ser Gly Leu Gly
1               5                   10                  15

Cys


<210> 68
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> peptide variant

<400> 68

Cys Phe Gly Leu Lys Leu Asp Arg Ile Gly Ser Ser Ser Gly Leu Gly
1               5                   10                  15

Cys


<210> 69
<211> 17
<212> PRT
<213> Artificial Sequence

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<400> 69

Cys Phe Gly Leu Lys Leu Asp Arg Ile Gly Ser Gly Ser Gly Leu Gly
1               5               10              15

Cys


<210> 70
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
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<400> 70

Cys His Gly Leu Lys Leu Asp Arg Ile Gly Ser Ala Ser Gly Leu Gly
1               5               10              15

Cys


<210> 71
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> peptide variant

<400> 71

Cys Thr Gly Leu Lys Leu Asp Arg Ile Gly Ser Ala Ser Gly Leu Gly
1               5               10              15

Cys


<210> 72
<211> 23
<212> DNA
<213> Mouse growth hormone

<400> 72
tggcaatggc tacagactct cgg                                        23


<210> 73
<211> 23
<212> DNA
<213> Mouse growth hormone

<400> 73
gaaggcacag ctgctttcca caa                                        23


<210> 74

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<211>  26
<212>  DNA
<213>  Mouse CNP

<400>  74
acccaagctt atgcacctct cccagc                                          26


<210>  75
<211>  24
<212>  DNA
<213>  Mouse CNP

<400>  75
ccatcgatct aacatcccag accg                                            24
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